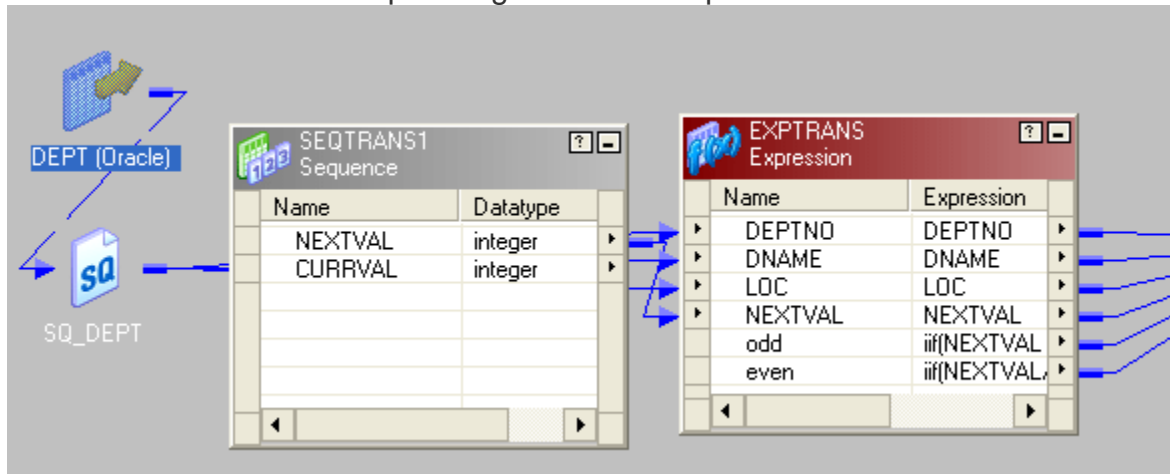


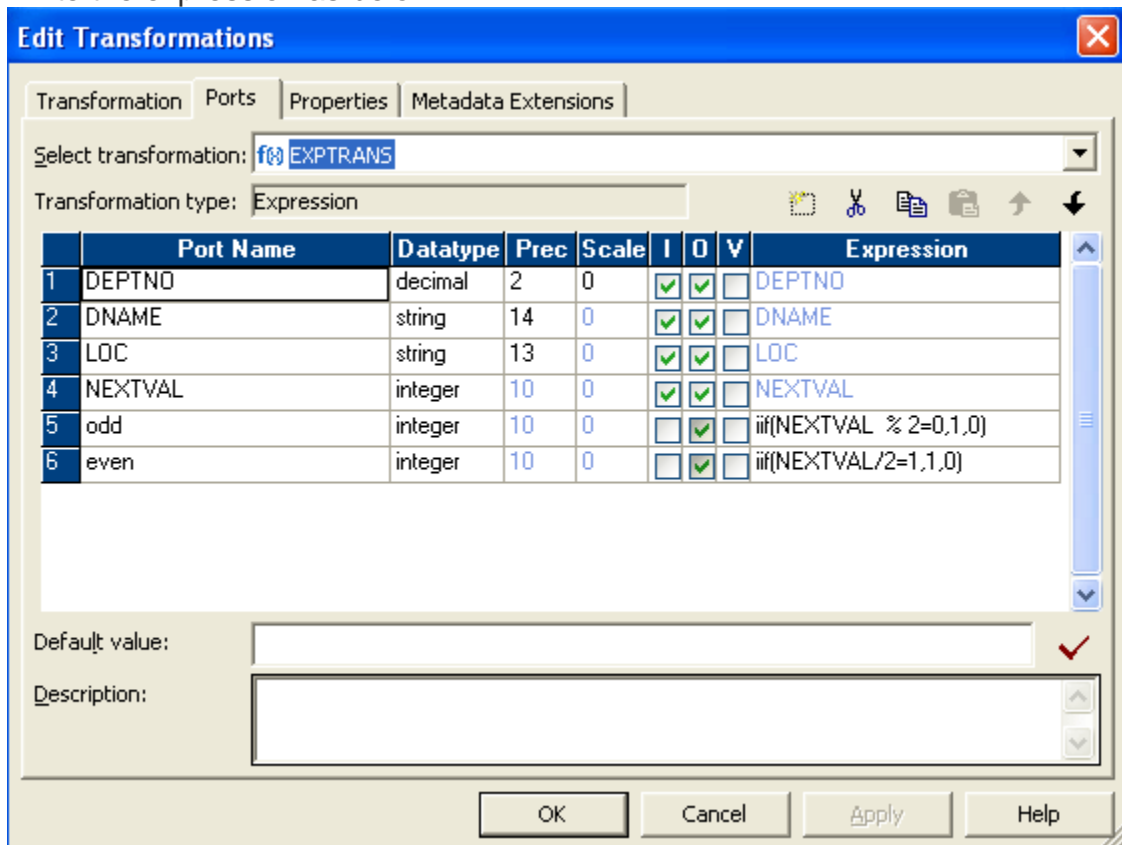
How do you load alternate records into different tables through mapping flow?

The idea is to add a sequence number to the records and then divide the record number by 2. If it is divisible, then move it to one target and if not then move it to other target.

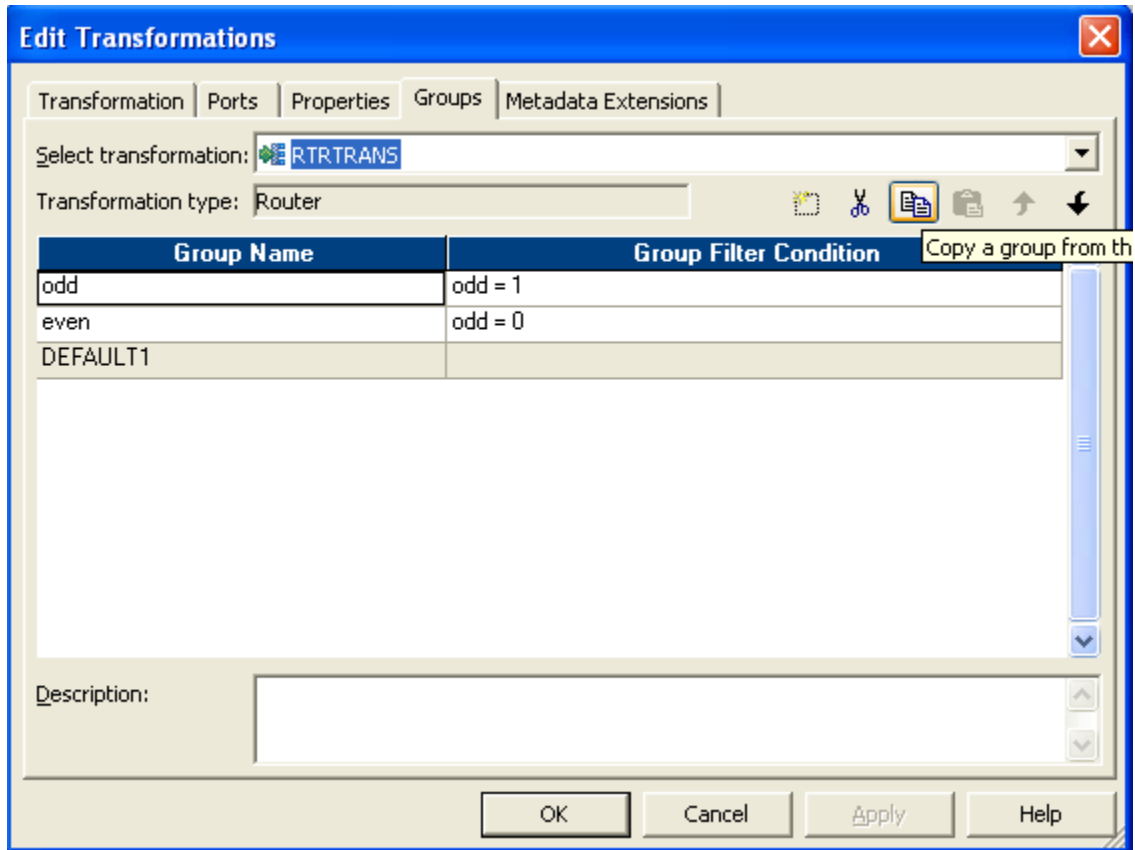
1. Drag the source and connect to an expression transformation.
2. Add the next value of a sequence generator to expression transformation.



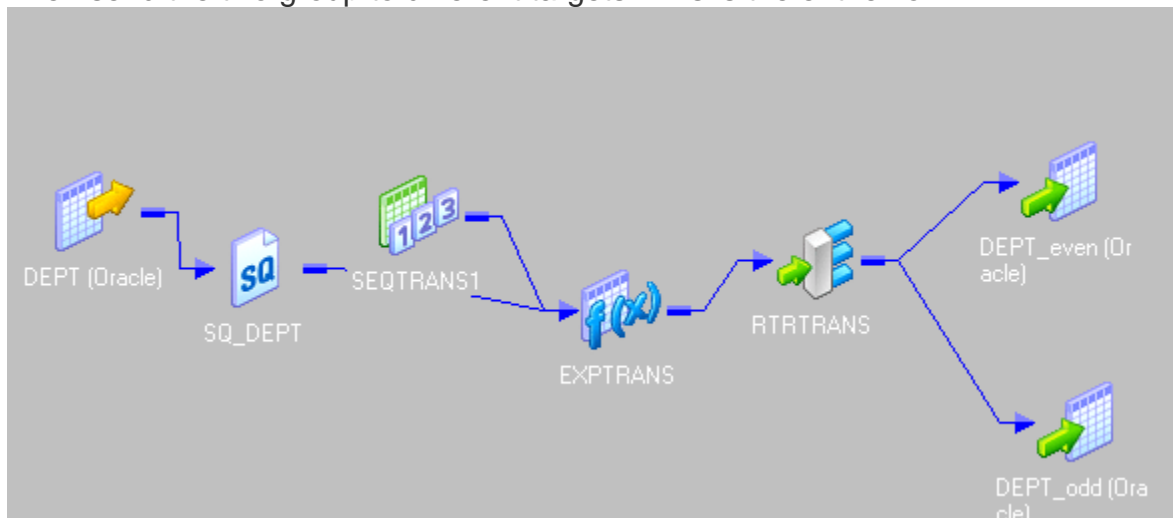
3. In expression transformation make two port, one is “odd” and another “even”.
4. Write the expression as below



5. Connect a router transformation to expression.
6. Make two group in router.
7. Give condition as below



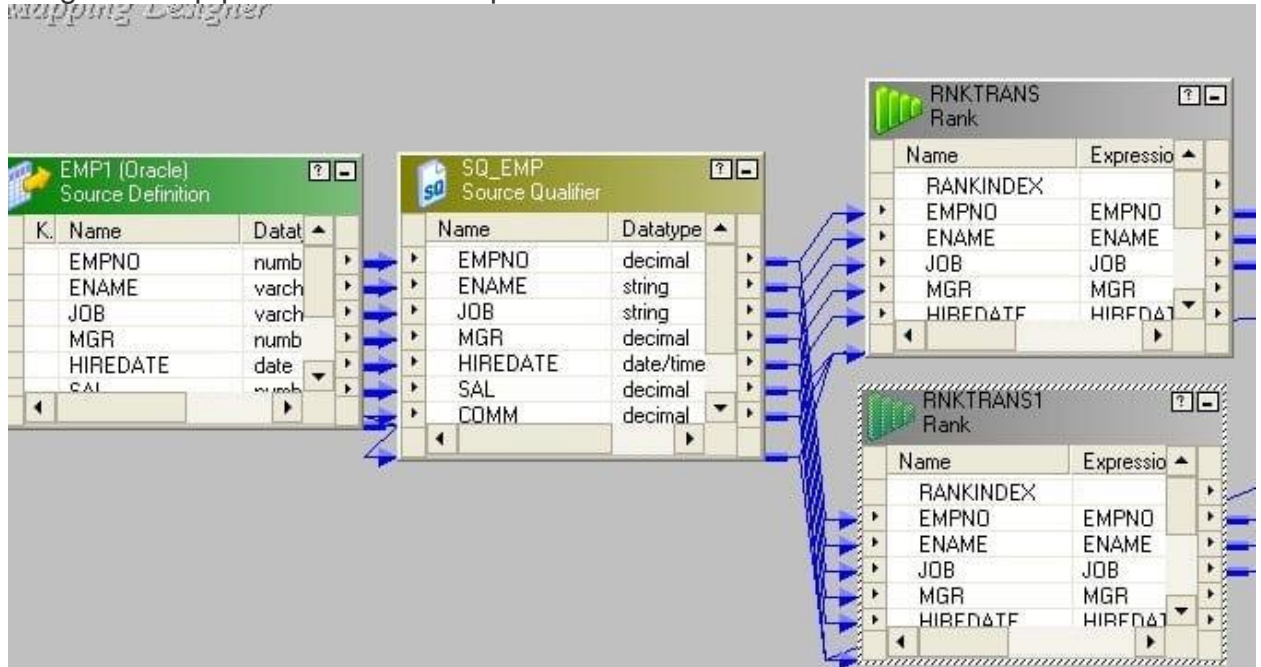
8. Then send the two group to different targets. This is the entire flow.



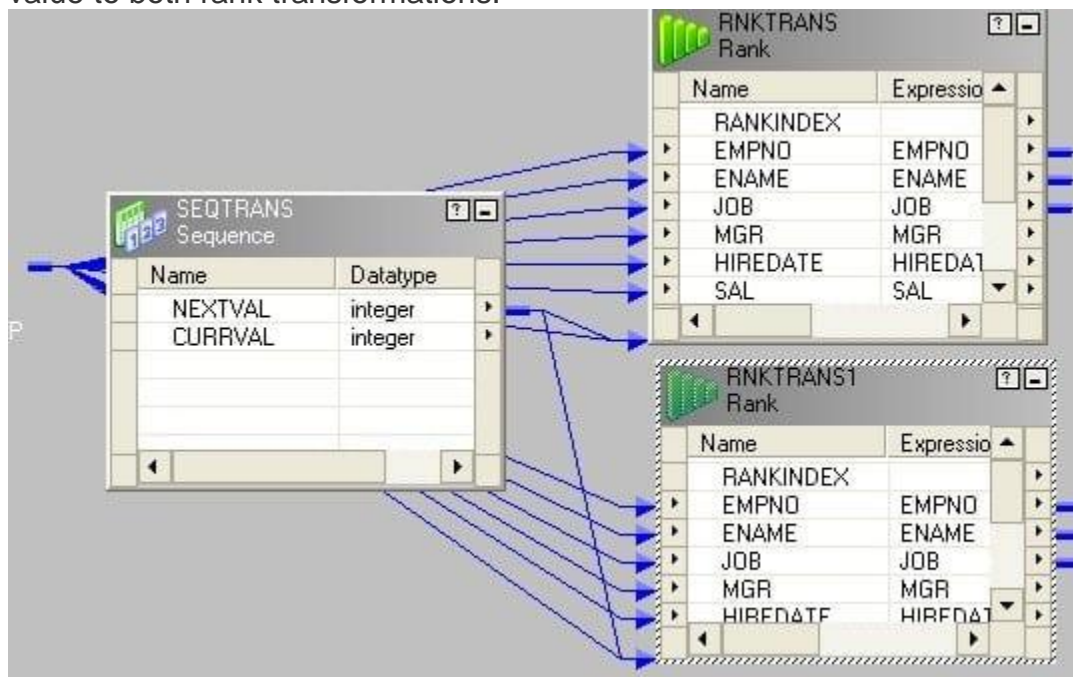
How do you load first and last records into target table? How many ways are there to do it? Explain through mapping flows.

The idea behind this is to add a sequence number to the records and then take the Top 1 rank and Bottom 1 Rank from the records.

1. Drag and drop ports from source qualifier to two rank transformations.



2. Create a reusable sequence generator having start value 1 and connect the next value to both rank transformations.



3. Set rank properties as follows. The newly added sequence port should be chosen as Rank Port. No need to select any port as Group by Port.Rank – 1

The screenshot shows the 'Edit Transformations' dialog box for the 'RNKTRANS' transformation. The 'Properties' tab is selected. The 'Transformation type' is set to 'Rank'. A table lists various transformation attributes and their values. Below the table, there is a section for 'Cache Directory' with a description. At the bottom, there are buttons for 'OK', 'Cancel', 'Apply', and 'Help'.

Edit Transformations

Transformation | Ports | **Properties** | Metadata Extensions

Select transformation: **RNKTRANS**

Transformation type: Rank

Transformation Attribute	Value
Cache Directory	\$PMCacheDir
Top/Bottom	Top
Number of Ranks	1
Case Sensitive String Comparison	<input checked="" type="checkbox"/>
Tracing Level	Normal
Rank Data Cache Size	Auto
Rank Index Cache Size	Auto
Transformation Scope	Transaction

Cache Directory
Directory for cached rank values

OK Cancel Apply Help

4. Rank – 2

The 'Edit Transformations' dialog box for the 'RNKTRANS1' transformation is shown. It has tabs for 'Transformation', 'Ports', 'Properties', and 'Metadata Extensions'. The 'Transformation' tab is active, showing the 'Select transformation:' dropdown set to 'RNKTRANS1' and the 'Transformation type:' set to 'Rank'. Below this is a table of transformation attributes and their values.

Transformation Attribute	Value
Cache Directory	\$PMCacheDir
Top/Bottom	Bottom
Number of Ranks	1
Case Sensitive String Comparison	<input checked="" type="checkbox"/>
Tracing Level	Normal
Rank Data Cache Size	Auto
Rank Index Cache Size	Auto
Transformation Scope	All Input

Below the table is a section titled 'Cache Directory' with the text 'Directory for cached rank values'. At the bottom are buttons for 'OK', 'Cancel', 'Apply', and 'Help'.

5. Make two instances of the target.
Connect the output port to target.

